

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
06/623,284	05/14/84	SPENCER	G 33635
		07M1/0410	EXAMINER
			TARCZA, T
		ART UNIT	PAPER NUMBER
		2202	
		DATE MAILED:	04/10/97

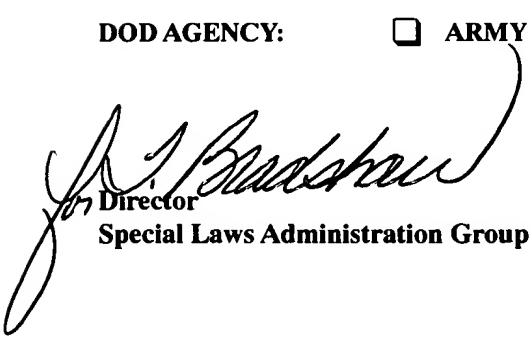
RICHARD M. SHARKANSKY, ESQ.  
RAYTHEON CO.  
PATENT DEPT.  
141 SPRING STREET  
LEXINGTON MA 02167

**RENEWAL OF SECRECY ORDER**  
[Title 35, United States Code (1952), Sections 181-188]

NOTICE: To the applicants, heirs of applicants, and any and all assignees, attorneys and agents, the designate principals.

The Armed Services Patent Advisory Board, Department of Defense (DOD), has notified the Commissioner of Patents and Trademarks that an affirmative determination has been made by a DOD agency, identified below, that the national interest required renewal of the secrecy order. The secrecy order is therefore, renewed, effective for a period of **ONE YEAR** from the date of this renewal notice.

The secrecy order may be renewed for additional periods of not more than one year upon notice by a government agency that the national interest so requires.

DOD AGENCY:  ARMY  NAVY  AIR FORCE  ASPAB  
J. I. Bradshaw  
Director  
Special Laws Administration Group

DEPARTMENT OF DEFENSE  
ARMED SERVICES PATENT ADVISORY BOARD

MAR - 3 1997

Commissioner of Patents and Trademarks  
U. S. Patent and Trademark Office  
Attn: Security Group, Licensing and Review  
CP-1 Room 4B14  
Washington, D.C. 20231

Dear Sir:

This is to notify you, on behalf of the head of the agency who caused the secrecy order to be issued on the following identified patent application, that an affirmative determination has been made that the national interest requires that the invention continue to be kept secret and that the grant of a patent continue to be withheld.

UNITED STATES PATENT APPLICATION NO. 06/623,284

FILED: 14 MAY 1984

INVENTOR: SPENCER, GEORGE R. ET AL.

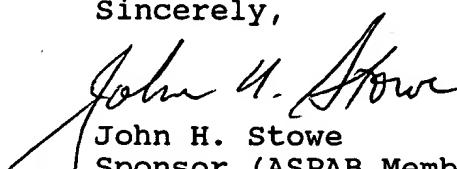
TITLE: PHASE LOCK LOOP CIRCUITRY

PROSECUTED BY: ( ) GOVT (X) CONTRACTOR ( ) UNKNOWN PARTY

Current secrecy order expiration date is 11 APR 1997.

Accordingly, it is recommended that the order be renewed.

Sincerely,

  
John H. Stowe  
Sponsor (ASPAB Member)  
Naval Air Systems Command